

**EXPRESS TERMS  
FOR  
PROPOSED BUILDING STANDARDS  
OF THE  
OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT**

**REGARDING PROPOSED CHANGES TO  
2007 CALIFORNIA PLUMBING CODE  
CALIFORNIA CODE OF REGULATIONS, TITLE 24, PART 5**

**LEGEND FOR EXPRESS TERMS**

1. Existing California amendments or code language being modified: All such language appears in *italics*, modified language is underlined.
2. New California amendments: All such language appears underlined and in italics.
3. Repealed text: All such language appears in ~~strikeout~~.

**EXPRESS TERMS**

**CHAPTER 2 – DEFINITIONS**

...

**210.0**

***Handwashing Fixture [For OSHPD 1, 2, 3 & 4]*** is a special application sink having a water supply spout mounted so the discharge point is at least 5 inches (127 mm) above the fixture rim and equipped with hot and cold supply controls not requiring direct contact of the hands for operation. The fixture can not be equipped with an aerator and wrist or elbow blade handles, but may be equipped with a non-aerating laminar flow device. Sensor operated fixtures may be used, provided they are either battery operated or connected to the essential electrical system.

...

**CHAPTER 4 – PLUMBING FIXTURES AND FIXTURE FITTINGS**

**TABLE 4-2  
[For OSHPD 1, 2, 3 & 4] Minimum Plumbing Facilities**

<b>Space</b>	<b>Handwashing Fixture</b>	<b>Scrub Sinks</b>	<b><del>Toilets</del> Toilets</b>	<b>Bathtubs or Showers</b>	<b>Service Sinks<sup>1</sup></b>	<b>Clinic Sinks</b>
<b><i>OSHPD 1</i></b>						
<b><i>General Acute – Care Hospitals and Acute Psychiatric Hospitals</i></b>						
<b><i>Administration Space</i></b>						
Lobby						
Male	1 <sup>2</sup>		1			
Female	1 <sup>2</sup>		1			
<i>Airborne infection isolation rooms<sup>5</sup></i>	2 <sup>5</sup>		1 <sup>5</sup>	1 <sup>5</sup>		
<b><i>Cardiac <del>Catherization</del> Catheterization</i></b>						

Procedure room		1 <sup>4</sup>			1	
Staff clothing changing areas	1		1	1 shower		
<b>Central Sterile Supply</b>	1 <sup>15</sup>					
<b>Cesarean/delivery Service Space</b>						
Labor Rooms	1		1 <sup>9</sup>	1 <sup>2</sup>		1
Recovery Room	1					
Drug distribution station	1					
Cesarean operating room <sup>10</sup>		2 <sup>10</sup>				
Delivery room <sup>10</sup>		1 <sup>10</sup>				
Staff clothing changing areas						
Male	1		1	1		
Female	1		1	1		
Staff lounge toilet	1		1			
LDR or LDRP room	1		1	1		
Waiting room	1 <sup>2</sup>		1 <sup>26</sup>			
<b>Clinical Laboratory Service Space</b> <sup>11</sup>	1					
<b>Dietetic Service Space</b>	1					
Toilets and lockers			1			
<b>Emergency Service</b>						
Standby emergency medical service.						
Lobby – public toilets	1		1			
Treatment room	1		4			
Open plan	1:4 cubicles		4			
Patient toilet	1		1			
Administrative center/nurses' station	1					
<del>Observation units</del> <b>[RELOCATED BELOW]</b>	1:4 cubicles					
Basic emergency service						
Public waiting			1			
Treatment areas, more than 8			2			
Treatment room	1					
Open plan	1					
Observation units	1:4 cubicles		1:8 <u>cubicles</u>			
Emergency surgery, Cystoscopy, or Special procedure room		1 <sup>7</sup>			1	
<b>Employee dressing rooms</b>						
Male <sup>2</sup>	1 <sup>2</sup>	4	1			
Female	1 <sup>2</sup>		1			
Exam and treatment rooms	1					
Housekeeping room					1	
<b>Intensive Care Units</b> <sup>7</sup>						1
Open plan	1:3 beds					
Patient rooms <sup>28</sup>	1					
Staff lounge	1 <sup>2</sup>		1			
Newborn Intensive Care Unit (NICU)	1:4 bassinets <sup>17</sup>					1
Control station	1					
Staff lounge	1 <sup>2</sup>		1			
Laboratories	1 <sup>15</sup>				1	
<b>Laundry</b>						
Soiled linen	1					
Medicine preparation rooms or station	1					
<b>Morgue and Autopsy</b>	1				1	
Nourishment station or center	1 <sup>2</sup>					
<b>Nuclear medicine</b>						
Procedure room	1					

Mold room	1					
Radiotherapy						
Reception/waiting area	1 <sup>2</sup>		1			
<b>Nursing service space</b>						
Administrative center or nurse station	1		1			
Examination or treatment room	1					
Patient room	1					
Patient toilet and bath facilities <sup>13</sup>	1 <sup>2</sup>		1:4 beds	1:12 <sup>16</sup>		
Administrative center/nursing station			4			
Multi-purpose rooms <sup>27</sup>			1 <sup>2</sup>			
Central bathing facility			1			
Staff toilet room	1 <sup>2</sup>		1			
Medicine preparation room	1					
Nourishment area	1					
Nurses' stations <sup>9</sup> or administration center	1					
<b>Nurseries</b>						
Well Newborn	1:6 bassinets					
Exam/Workrooms	1					
Outpatient service space			1			
Outpatient surgery		1				
Endoscopy examination room	1					
<b>Pediatric and Adolescent Unit</b>						
Patient room	1		1			
Play areas toilet room	1		1			
Central bathing toilet room	1		1			
<b>Pharmacy</b>	1 <sup>25</sup>		1			
Postanesthesia care units (PACU)	1					1
Protective environment room <sup>5</sup>	2 <sup>5</sup>		1 <sup>5</sup>	1 <sup>5</sup>		
<b>Psychiatric Nursing Unit</b>						
Patient room	1					
Patient toilet and bath facilities <sup>13</sup>	1 <sup>2</sup>		1	1:12 <sup>16</sup>		
<b>Radiological/Imaging Services Space</b>						
Computerized tomography (CT)	1 <sup>2</sup>		1 <sup>29</sup>			
Ultrasound	1 <sup>2</sup>		1 <sup>29</sup>			
Angiography	1 <sup>2</sup>	1 <sup>4</sup>	1 <sup>29</sup>			
Fluoroscopy <sup>8</sup>	1 <sup>2</sup>		1			
Patient toilet	1 <sup>2</sup>		1			
Staff toilets	1 <sup>2</sup>		1 <sup>18</sup>			
<b>Rehabilitation Therapy Space</b>						
Patient Waiting area						
Male	1 <sup>2</sup>		1			
Female	1 <sup>2</sup>		1			
Training toilet			1			
Physical therapy service space	1					
Occupational therapy service space	1					
Speech pathology	1					
<b>Renal Dialysis Service Space</b>	1:4 stations					1
Dialysis Bloodborne Infection Isolation Room	1					
Nurses station	1					
Medication dispensing	1					
Home training room	1					
Repair room	1				1	
Patient toilet	1		1			
Staff lounge	1		1	1 shower		
Waiting room toilet	1		1			
<b>Surgical Service Space</b>		2 <sup>3</sup>				
Staff clothing change areas						
Male	1 <sup>2</sup>		1	1 shower		

Female	1 <sup>2</sup>		1	1 shower		
Clean-up rooms	1					
Substerile area	1					
Anesthesia workroom	1 <sup>8</sup>					
Soiled workroom or soiled holding	1					1
<b>Utility Room</b>						
Clean <sup>9-27</sup>	1					
Soiled <sup>9-27</sup>	1					1 <sup>12-14</sup>
<b>OSHPD 2</b>						
<b>Skilled Nursing or Intermediate Care Facilities</b>						
Nurses' Station	1					
Utility room	1					
Clean	1 <sup>21</sup>					
Soiled	1 <sup>22</sup>					
Patient beds	1:8 <sup>2</sup>		1:6	1:20		1 <sup>14</sup>
Administration space – public toilets			1			
Employee lockers	1 <sup>2</sup>		1			
Male	1 <sup>2</sup>		1			
Female			1			
Outpatient waiting room	1					
Laundry						
Dietetic service space	1					
Kitchen	1					
Food serving area	1					
Employee washroom	1					
Airborne infection isolation room <sup>5</sup>	1 <sup>5</sup>		1 <sup>5</sup>	1 <sup>5</sup>		
Protective environment room <sup>5</sup>	1 <sup>5</sup>		1 <sup>5</sup>	1 <sup>5</sup>		
Medicine rooms <sup>19</sup>	1 <sup>15</sup>					
Optional services	1					
Physical therapy	1					
Occupational therapy	1					
Speech pathology/Audiology	1					
Housekeeping room					1	
<b>OSHPD 3</b>						
<b>Licensed Clinics and any freestanding building under a hospital license where outpatient clinical services are provided</b>						
Examination and treatment rooms	1					
Primary care clinic					1	
Utility room	1 <sup>15</sup>					
Birth Clinic	1				1	
Clean-up room	1					
Toilet room	1 <sup>2</sup>		1			
Surgery Clinic		2 <sup>3</sup>			1	
Clean-up room	1					
Outpatient changing	1 <sup>2</sup>		1			
Postanesthesia recovery	1					
Chronic Dialysis					1	
Nurse station	1:8 patients					
Patient	1		1 <sup>23</sup>			
Staff lockers	1 <sup>2</sup>		1			
<del>Airborne</del> Bloodborne infection isolation room	1					
Utility room	1				1	
Home training	1					
Rehabilitation Clinics						
Physical therapy space	1					
Occupational therapy	1					
Speech pathology/Audiology	1					

Housekeeping room					1	
<b>OSHPD 4</b>						
<b>Correction Treatment Centers<sup>1</sup></b>						
Nurse station	1					
Utility Room						
Clean	1 <sup>21</sup>					
Soiled	1 <sup>22</sup>					
Patients	1:8 <sup>2</sup>		1:6	1:12		
Employee dressing rooms						
Male	1 <sup>2</sup>		1			
Female	1 <sup>2</sup>		1			
Outpatient services			1			
Airborne infection isolation room <sup>6</sup>	1 <sup>6</sup>		1 <sup>6</sup>	1 <sup>6</sup>		
Protective environment room <sup>6</sup>	1 <sup>6</sup>		1 <sup>6</sup>	1 <sup>6</sup>		
Medicine rooms <sup>19</sup>	1 <sup>15</sup>					
Treatment and Exam Rooms	1					
Toilets						
Patient <sup>13</sup>	1:8 <sup>2</sup>		1:6	1:12		
Staff	1 <sup>2</sup>		1			
Employee dressing rooms and lockers						
Male	1 <sup>2</sup>		1			
Female	1 <sup>2</sup>		1			
Outpatient services						
Waiting area	1 <sup>2</sup>		1			
Housekeeping room					1	
Soiled utility room	1					
Pharmacy	1					

1 Each department or nursing unit shall be served by a housekeeping room equipped with a service sink. Departments may share service closets provided the departmental services are compatible. The fixtures listed cannot be shared.

2 Conventional spouts and controls on hot-and cold-water supplies are acceptable. Aerators are not permitted. Non-aerating laminar flow devices are permitted. Nourishment stations shall have a handwashing fixture in or immediately accessible from the nourishment area.

3 A minimum of two scrub sinks shall be provided in a surgical unit containing one operating room. Four scrub sinks shall be provided in surgical units containing two operating rooms. One additional scrub sink shall be provided per each additional operating room.

4 The scrub sink is in addition to the required number for surgeries.

5 The following fixtures shall be provided in airborne infection or protective environment rooms of hospitals only:

a. Within an adjoining toilet room, a handwashing fixture, a shower containing a seat or a space for a shower chair, and water closet equipped with bedpan flushing attachment with a vacuum breaker.

b. A handwashing fixture within a separate anteroom.

Exception: 1. Chemical dependency recovery hospitals. 2. In emergency department, separate toilet/shower not required.

6 The following fixtures shall be provided in isolation rooms of correctional treatment centers only:

a. Within an adjoining toilet area, a handwashing fixture, a shower containing a seat or a space for a shower chair, and water closet equipped with bedpan flushing attachment with a vacuum breaker.

b. A handwashing fixture within a separate anteroom.

7 Includes burn center spaces and acute respiratory-care service spaces, coronary-care service spaces.

8 A toilet room with handwashing fixture shall adjoin each fluoroscopy room.

9 One toilet with lavatory and one shower may serve ~~more than one~~ two labor rooms.

10 One additional scrub sink per cesarean or delivery operating room.

11 Provide emergency eye-wash and shower.

12 Handwashing fixtures shall be located in convenient locations throughout the space.

13 Fixtures serving individual patient rooms shall not be considered as meeting the required ratios for bedrooms not served by individual adjoining toilet or bathrooms.

14 The clinic sink may be deleted if all bedrooms in the nursing unit are provided with adjoining toilets with bedpan flushing devices.

15 Conventional controls on hot-and cold-water supplies are acceptable. The water discharge points shall be 5 inches (127 millimeters) ~~(5 inches)~~ above the fixture rims. ~~and equipped without a~~ Aerators are not permitted. Non-aerating laminar flow devices are permitted.

16 A minimum of one bathtub is required on each floor of an acute care or acute psychiatric hospital providing skilled nursing or intermediate care services.

17 In a multiple-bed room, every bed position shall be within 20 feet (6 meters) of a hands-free handwashing fixture. Where an individual room concept is used, a handwashing fixture shall be provided within each infant care room.

18 When three or more procedure rooms are provided.

19 If a separate medicine room is provided, the room shall be equipped with a sink in addition to the nurses' station handwashing fixture. Hot-water supplies are optional.

20 Chemical dependency recovery hospitals are only required to provide handwashing fixtures for exam rooms and kitchens.

All other fixtures may be equipped per **NOTE** Footnote 2.

21 Handwashing fixtures may be deleted if room is storage and holding only.

22 Handwashing fixtures may be deleted if room is temporary holding of soiled materials.

23 Toilet shall be equipped with a bedpan flushing attachment.

24 Optional services approved by the licensing agency shall comply with the applicable space requirements of OSHPD 1 and 2.

25 Shall be provided in each separate room where open medication is handled.  
26 Conveniently accessible throughout the unit.  
27 Includes rooms or areas within coronary and intensive-care units and postanesthesia recovery rooms.  
28 Modular toilet/sink combination units located within a privacy curtain may be used within each patient space or private room.  
29 Toilet room facilities located adjacent to or in the immediate vicinity are adequate.

## CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION

### 604.0 Materials.

**604.1** All pipe, tube, and fittings carrying water used in potable water systems intended to supply drinking water shall meet the requirements of NSF 61 as found in Table 14-1. All materials used in the water supply system, except valves and similar devices, shall be of a like material, except where otherwise approved by the Authority Having Jurisdiction

Materials for building water piping and building supply piping shall be in accordance with Table 6-4 and the standards in Table 14-1.

#### **Exceptions:**

(1) **[For OSHPD 1, 2, 3 & 4]** Use of CPVC is not permitted for applications under authority of the Office of Statewide Health Planning and Development.

(2) **[For OSHPD 1, 2, 3 & 4]** Use of PEX piping is not permitted for applications under the authority of the Office of Statewide Health Planning and Development. Installation and use of PEX tubing shall be in accordance with manufacturer's installation standards. PEX piping shall not be used for any application that would result in noncompliance with any provisions of the California Building Standards Code.

...

**604.11 PEX.** ~~**[Not adopted by OSHPD 1, 2, 3 & 4]**~~ Cross-linked polyethylene (PEX) tubing shall be marked with the appropriate standard designation(s) listed in Table 14-1 for which the tubing has been approved. PEX tubing shall be installed in compliance with the provisions of this section. **[For OSHPD 1, 2, 3, & 4]** Installation and use of PEX tubing shall be in accordance with manufacturer's standards. PEX piping shall not be used for any application that would result in noncompliance with any provisions of the California Building Standards Code.

**604.11.1 PEX Fittings.** ~~**[Not adopted by OSHPD 1, 2, 3 & 4]**~~ Metal insert fittings, metal compression fittings, and cold expansion fittings used with PEX tubing shall be manufactured to and marked in accordance with the standards for the fittings in Table 14-1. **[For OSHPD 1, 2, 3, & 4]** Installation and use of PEX tubing shall be in accordance with manufacturer's standards. PEX piping shall not be used for any application that would result in noncompliance with any provisions of the California Building Standards Code.

**604.11.2 Water Heater Connections.** ~~**[Not adopted by OSHPD 1, 2, 3 & 4]**~~ PEX tubing shall not be installed within the first eighteen (18) inches (457 mm) of piping connected to a water heater.

...

### 605.0 Valves.

...

**605.8** **[For OSHPD 1, 2, 3 & 4]** Each riser or branch shall be provided with an accessible sectionalizing valve in hot and cold-water systems to permit servicing or replacement of piping or equipment. Stop valves shall be provided at each fixture.

## MATRIX TABLE CHAPTER 6 – WATER SUPPLY AND DISTRIBUTION

Proposed Adoption	OSHDP				Comments
	1	2	3	4	
Adopt entire chapter without amendments					
Adopt entire chapter with amendments listed below	X	X	X	X	
Adopt only sections listed below					
604.1 Except #1 CA	X	X	X	X	
<del>604.1 Except #2 CA</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	
604.1 Except #3 CA	X	X	X	X	
604.10	X	X	X	X	
<del>604.11 CA</del>	<del>†</del>	<del>†</del>	<del>†</del>	<del>†</del>	
<del>604.11.1 CA</del>	<del>†</del>	<del>†</del>	<del>†</del>	<del>†</del>	
<del>604.11.2 CA</del>	<del>†</del>	<del>†</del>	<del>†</del>	<del>†</del>	
604.13	†	†	†	†	
604.13.1 CA	†	†	†	†	
604.13.2 CA	†	†	†	†	
605.8 CA	X	X	X	X	
606.2.4.1 CA	X	X	X	X	
609.9 CA	X	X	X	X	
609.11 CA	X	X		X	
612.0 CA	X	X	X	X	
613.0 CA	X	X	X	X	
614.0 CA	X	X	X	X	
614.1 CA	X	X	X	X	
614.2 CA	X	X	X	X	
614.3 CA	X	X	X	X	
614.4 CA	X				

#### Notation

Authority: Health & Safety Code Sections 1226, 1275, and 129850; Government Code Section 11152.5

References: Health & Safety Code Sections 1226, 1275, 129790, and 129850